

IA16 Rec'd PCT/PTO 15 SEP 2006
10/593015

Docket No.: 13987-00023-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Helke Hillebrand et al.

Application No.: National Phase of
PCT/EP2005/002735

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: POST HARVEST CONTROL OF
GENETICALLY MODIFIED CROP
GROWTH EMPLOYING D-AMINO ACID
COMPOUNDS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Of the documents listed on the attached SB/08 are the documents cited in an International Search Report during the prosecution of international application no. PCT/EP2005/002735, which corresponds to the above referenced application. In accordance with 37 CFR 1.97(b)(2), Applicants hereby submit these documents for the Examiner's consideration. A copy of each document required under 37 CFR 1.98(a)(2) is enclosed.

10/593015

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants believe no fee is due with this response. However, if a fee is due, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13987-00023-US from which the undersigned is authorized to draw.

Respectfully submitted,

By 

Hui-Ju Wu

Registration No.: 57,209
CONNOLLY BOVE LODGE & HUTZ LLP
1007 North Orange Street
P.O. Box 2207
Wilmington, Delaware 19899
(302) 658-9141
(302) 658-5614 (Fax)
Agent for Applicants

10/593015

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	6	Attorney Docket Number	13987-00023-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-5,358,866	10-25-1994	Mullen et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	WO-92/22280	12-23-1992	Richardson Vicks, Inc.		
	BB	WO-93/01281	01-21-1993	The United States of America, represented by the Secretary, Department of Health & Human Services		
	BC	WO-97/37012	10-09-1997	Commonwealth Scientific and Industrial Research Organisation and The Australian National University		
	BD	WO-00/37060	06-29-2000	National Research Council of Canada		
	BE	WO-02/10415	02-07-2002	University of Connecticut		
	BF	WO-02/29071	04-11-2002	Maxygen, Inc.		
	BG	WO-03/004659	01-16-2003	SunGene GmbH & Co. KGAA and Institut F. Pflanzengenetik	See CA 2 451 492	
	BH	WO-03/060133	07-24-2003	Swetree Technologies AB		
	BI	WO-03/072792	09-04-2003	Syngenta Limited		
	BJ	WO-2004/013333	02-12-2004	BASF Plant Science GmbH	See CA 2 493 364	
	BK	EP-0 595 837	05-11-1994	Richardson Vicks Inc.	See WO92/22280	
	BL	CA-2 451 492	01-16-2003	SunGene GmbH & Co. KGAA and Institut F. Pflanzengenetik		
	BM	CA-2 493 364	02-12-2004	BASF Plant Science GmbH		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	"D-Amino-Acid Oxidase (EC 1.4.3.3)(DAMOX)(DAO)(DAAO)", UniProt Database Accession No. P24552, Entry Name: OXDA_FUSSO, March 1, 1992.	
	CB	"D-Amino-Acid Oxidase (EC 1.4.3.3)(DAMOX)(DAO)(DAAO)", UniProt Database Accession No. P80324, Entry Name: OXDA_RHOTO, November 1, 1995.	

Examiner Signature	Date Considered
--------------------	-----------------

486727

10/593015

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	6	Attorney Docket Number	13987-00023-US

CC	"D-Amino-Acid Oxidase (EC1.4.3.3)(DAMOX)(DAO)(DAAO)", UniProt Database Accession No. Q99042, Entry Name: OXDA TRIVR, November 1, 1997.
CD	"D-Amino Acid Oxidase (EC 1.4.3.3)", UniProt Database Accession No. Q9HGY3, Entry Name: Q9HGY3, March 1, 2001.
CE	"Putative D-Amino-Acid Oxidase (EC1.4.3.3)(DAMOX)(DAO)(DAAO)", UniProt Database Accession No. Q19564, Entry Name: OXDA CAEEL, November 1, 1997.
CF	"Putative D-Amino Acid Oxidase", UniProt Database Accession No. Q9X7P6, Entry Name: Q9X7P6, November 1, 1999.
CG	"Rhodosporidium toruloides D-Amino Acid Oxidase mRNA, Complete cds.", NCBI GenBank Accession No. U60066, October 16, 2001.
CH	"SPCC1450.07c Protein (EC 1.4.3.3)", UniProt Database Accession No. Q9Y7N4, Entry Name: Q9Y7N4, November 1, 1999.
CI	Agrawal, A. et al., "Transposition Mediated by RAG1 and RAG2 and Its Implications for the Evolution of the Immune System", Nature (1998), 394: 744-751.
CJ	Alonso, J. et al., "D-Amino-Acid Oxidase Gene from <i>Rhodotorula gracilis</i> (<i>Rhodosporidium toruloides</i>) ATCC 26217", Microbiology (1998), 144: 1095-1101.
CK	Beall, E. L. et al., "Drosophila P-element Transposase is a Novel Site-Specific Endonuclease", Genes & Development (1997), 11: 2137-2151.
CL	Belfort, M. et al., "Homing Endonucleases: Keeping the House in Order", Nucleic Acids Research (1997), 25(17): 3379-3388.
CM	Bell-Pedersen, D. et al., "Intron Mobility in Phage T4 is Dependent upon a Distinctive Class of Endonucleases and Independent of DNA Sequences Encoding the Intron Core: Mechanistic and Evolutionary Implications", Nucleic Acids Research (1990), 18(13): 3763-3770.
CN	Blanc, V. et al., "Control of Gene Expression by Base Deamination: The Case of RNA Editing in Wheat Mitochondria", Biochimie (1996), 78: 511-517.
CO	Boorer, K. J. et al., "Kinetics and Specificity of a H ⁺ /Amino Acid Transporter from <i>Arabidopsis thaliana</i> ", The Journal of Biological Chemistry (1996), 271(4): 2213-2220.
CP	Brückner, H. et al., "Chromatographic Determination of L- and D-Amino Acids in Plants", Amino Acids (2003), 24: 43-55.
CQ	Cecchini, E. et al., "Characterization of Gamma Irradiation-Induced Deletion Mutations at a Selectable Locus in <i>Arabidopsis</i> ", Mutation Research (1998), 401: 199-206.
CR	Chu, F. K. et al., "Characterization of the Restriction Site of a Prokaryotic Intron-Encoded Endonuclease", Proc. Natl. Acad. Sci. USA (1990), 87: 3574-3578.
CS	Corneille, S. et al., "Efficient Elimination of Selectable Marker Genes from the Plastid Genome by the CRE-lox Site-Specific Recombination System", The Plant Journal (2001), 27(2): 171-178.
CT	Cosloy, S. D. et al., "Metabolism of D-Serine in <i>Escherichia coli</i> K-12: Mechanism of Growth Inhibition", Journal of Bacteriology (1973), 114(2): 685-694.
CU	Côté, V. et al., "The Single Group-I Intron in the Chloroplast <i>rmL</i> Gene of <i>Chlamydomonas humicola</i> Encodes a Site-Specific DNA Endonuclease (I-Chul)", Gene (1993), 129: 69-76.
CV	Czakó, M. et al., "The Herpes Simplex Virus Thymidine Kinase Gene as a Conditional Negative-Selection Marker Gene in <i>Arabidopsis thaliana</i> ", Plant Physiol. (1994), 104: 1067-1071.
CW	Dale, E. C. et al., "Gene Transfer with Subsequent Removal of the Selection Gene from the Host Genome", Proc. Natl. Acad. Sci. USA (1991), 88: 10558-10562.
CX	Depicker, A. G. et al., "A Negative Selection Scheme for Tobacco Protoplast-Derived Cells Expressing the T-DNA Gene 2", Plant Cell Reports (1988), 7: 63-66.
CY	Dixon, M. et al., "D-Amino Acid Oxidase, I. Dissociation and Recombination of the Holoenzyme", Biochimica et Biophysica Acta (1965), 96: 357-367.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

486727

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	6	Attorney Docket Number	13987-00023-US

CZ	Eddy, S. R. et al., "The Phage T4 <i>nrdb</i> Intron: A Deletion Mutant of a Version Found in the Wild", <i>Genes & Development</i> (1991), 5: 1032-1041.	
CA1	Erikson, O. et al., "A Conditional Marker Gene Allowing Both Positive and Negative Selection in Plants", <i>Nature Biotechnology</i> (2004), 22(4): 455-458.	
CB1	Fedoroff, N. V. et al., "A Versatile System for Detecting Transposition in <i>Arabidopsis</i> ", <i>The Plant Journal</i> (1993), 3(2): 273-289.	
CC1	Frommer, W. B. et al., "Seed and Vascular Expression of a High-Affinity Transporter for Cationic Amino Acids in <i>Arabidopsis</i> ", <i>Proc. Natl. Acad. Sci. USA</i> (1995), 92: 12036-12040.	
CD1	Gabler, M. et al., "Detection and Substrate Selectivity of New Microbial D-Amino Acid Oxidases", <i>Enzyme and Microbial Technology</i> (2000), 27: 605-611.	
CE1	Gallego, M. E. et al., "Positive-Negative Selection and T-DNA Stability in <i>Arabidopsis</i> Transformation", <i>Plant Molecular Biology</i> (1999), 39: 83-93.	
CF1	Gamburg, K. Z. et al., "Formation and Functions of D-Amino Acids in Plants", <i>Siberian Institute of Plant Physiology and Biochemistry, Siberian Branch, Russian Academy of Sciences, Irkutsk, Translated from Fiziologiya Rastenii</i> (1991), 38(6): 1236-1246.	
CG1	Gleave, A. P. et al., "Selectable Marker-Free Transgenic Plants Without Sexual Crossing: Transient Expression of <i>cre</i> Recombinase and Use of a Conditional Lethal Dominant Gene", <i>Plant Molecular Biology</i> (1999), 40: 223-235.	
CH1	Guo, H. et al., "Group II Intron Endonucleases Use Both RNA and Protein Subunits for Recognition of Specific Sequences in Double-Stranded DNA", <i>The EMBO Journal</i> (1997), 16(22): 6835-6848.	
CI1	Guo, H. et al., "Group II Introns Designed to Insert into Therapeutically Relevant DNA Target Sites in Human Cells", <i>Science</i> (2000), 289: 452-457.	
CJ1	Haren, L. et al., "Integrating DNA: Transposases and Retroviral Integrases", <i>Annu. Rev. Microbiol.</i> (1999), 53: 245-281.	
CK1	Huang, B. et al., "Splase: A New Class IIS Zinc-Finger Restriction Endonuclease with Specificity for Sp1 Binding Sites", <i>Journal of Protein Chemistry</i> (1996), 15(5): 481-489.	
CL1	Janssen, D. B. et al., "Cloning of 1,2-Dichloroethane Degradation Genes of <i>Xanthobacter autotrophicus</i> GJ10 and Expression and Sequencing of the <i>dhla</i> Gene", <i>Journal of Bacteriology</i> (1989), 171(12): 6791-6799.	
CM1	Janssen, D. B. et al., "Genetics and Biochemistry of Dehalogenating Enzymes", <i>Annu. Rev. Microbiol.</i> (1994), 48: 163-91.	
CN1	Jasin, M., "Genetic Manipulation of Genomes with Rare-Cutting Endonucleases", <i>Trends in Genetics</i> (1996), 12(6): 224-228.	
CO1	Karlin-Neumann, G. A. et al., "Phytochrome Control of the <i>tms2</i> Gene in Transgenic <i>Arabidopsis</i> : A Strategy for Selecting Mutants in the Signal Transduction Pathway", <i>The Plant Cell</i> (1991), 3: 573-582.	
CP1	Kaufman, P. D. et al., "P Element Transposition in Vitro Proceeds by a Cut-and-Paste Mechanism and Uses GTP as a Cofactor", <i>Cell</i> (1992), 69: 27-39.	
CQ1	Kawasaki, K. et al., "DNA Sequence Recognition by a Eukaryotic Sequence-Specific Endonuclease, <i>Endo.SceI</i> , from <i>Saccharomyces cerevisiae</i> ", <i>The Journal of Biological Chemistry</i> (1991), 266(8): 5342-5347.	
CR1	Kilby, N. J. et al., "FLP Recombinase in Transgenic Plants: Constitutive Activity in Stably Transformed Tobacco and Generation of Marked Cell Clones in <i>Arabidopsis</i> ", <i>The Plant Journal</i> (1995), 8(5): 637-652.	
CS1	Kobayashi, T. et al., "A Conditional Negative Selection for <i>Arabidopsis</i> Expressing a Bacterial Cytosine Deaminase Gene", <i>Jpn. J. Genet.</i> (1995), 70: 409-422.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

486727

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	4	of	6	Attorney Docket Number	13987-00023-US

CT1	Koprek, T. et al., "Negative Selection Systems for Transgenic Barley (<i>Hordeum vulgare</i> L.): Comparison of Bacterial <i>codA</i> - and Cytochrome P450 Gene-Mediated Selection", <i>The Plant Journal</i> (1999), 19(6): 719-726.	
CU1	Lyznik, L. A. et al., "FLP-Mediated Recombination of <i>FRT</i> Sites in the Maize Genome", <i>Nucleic Acids Research</i> (1996), 24(19): 3784-3789.	
CV1	Marshall, P. et al., "Cleavage Pattern of the Homing Endonuclease Encoded by the Fifth Intron in the Chloroplast Large Subunit rRNA-encoding Gene of <i>Chlamydomonas Eugametos</i> ", <i>Gene</i> (1991), 104: 241-245.	
CW1	Massey, V. et al., "The Purification and Some Properties of D-Amino Acid Oxidase", <i>Biochimica et Biophysica Acta</i> (1961), 48: 1-9.	
CX1	McKnight, S. L., "The Nucleotide Sequence and Transcript Map of the Herpes Simplex Virus Thymidine Kinase Gene", <i>Nucleic Acids Research</i> (1980), 8(24): 5949-5964.	
CY1	McKnight, S. L. et al., "Expression of the Herpes Thymidine Kinase Gene in <i>Xenopus laevis</i> Oocytes: An Essay for the Study of Deletion Mutants Constructed In Vitro", <i>Nucleic Acids Research</i> (1980), 8(24): 5931-5948.	
CZ1	Meister, A. et al., "Chapter 26: Flavoprotein Amino Acid Oxidases", in <i>The Enzymes</i> , Boyer et al. eds., 2nd Ed., Vol. 7, Academic Press, 1963, pp. 609-648.	
CA2	Miyano, M. et al., "Studies on Phe-228 and Leu-307 Recombinant Mutants of Porcine Kidney D-Amino Acid Oxidase: Expression, Purification and Characterization", <i>J. Biochem.</i> (1991), 109(1): 171-177.	
CB2	Mohr, G. et al., "Rules for DNA Target-Site Recognition by a Lactococcal Group II Intron Enable retargeting of the Intron to Specific DNA Sequences", <i>Genes & Development</i> (2000), 14: 559-573.	
CC2	Monnat, R. J. et al., "Generation of Highly Site-Specific DNA Double-Strand Breaks in Human Cells by the Homing Endonucleases <i>I-PpoI</i> and <i>I-CreI</i> ", <i>Biochemical and Biophysical Research Communications</i> (1999), 255: 88-93.	
CD2	Mullen, C. A. et al., "Transfer of the Bacterial Gene for Cytosine Deaminase to Mammalian Cells Confers Lethal Sensitivity to 5-Fluorocytosine: A Negative Selection System", <i>Proc. Natl. Acad. Sci. USA</i> (1992), 89: 33-37.	
CE2	Naested, H. et al., "A Bacterial Haloalkane Dehalogenase Gene as a Negative Selectable Marker in <i>Arabidopsis</i> ", <i>The Plant Journal</i> (1999), 18(5): 571-576.	
CF2	Negri, A. et al., "The Primary Structure of the Flavoprotein D-Aspartate Oxidase from Beef Kidney", <i>The Journal of Biological Chemistry</i> (1992), 267(17): 11865-11871.	
CG2	O'Keefe, D. P. et al., "Ferredoxins from Two Sulfonyleurea Herbicide Monooxygenase Systems in <i>Streptomyces griseolus</i> ", <i>Biochemistry</i> (1991), 30: 447-455.	
CH2	O'Keefe, D. P. et al., "Plant Expression of a Bacterial Cytochrome P450 That Catalyzes Activation of a Sulfonyleurea Pro-Herbicide", <i>Plant Physiol.</i> (1994), 105: 473-482.	
CI2	Onouchi, H. et al., "Visualization of Site-Specific Recombination Catalyzed by a Recombinase from <i>Zygosaccharomyces rouxii</i> in <i>Arabidopsis thaliana</i> ", <i>Mol. Gen. Genet.</i> (1995), 247: 653-660.	
CJ2	Osborne, B. I. et al., "A System for Insertional Mutagenesis and Chromosomal Rearrangement Using the <i>Ds</i> Transposon and <i>Cre-lox</i> ", <i>The Plant Journal</i> (1995), 7(4): 687-701.	
CK2	Ow, D. W. et al., "Genome Manipulation Through Site-Specific Recombination", <i>Critical Reviews in Plant Sciences</i> (1995), 14(3): 239-261.	
CL2	Perera, R. J. et al., "Cytosine Deaminase as a Negative Selective Marker for <i>Arabidopsis</i> ", <i>Plant Molecular Biology</i> (1993), 23: 793-799.	
CM2	Pilone, M. S. et al., "D-Amino Acid Oxidase: New Findings", <i>Cellular and Molecular Life Sciences</i> (2000), 57: 1732-1747.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

486727

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	5	of	6	Attorney Docket Number	13987-00023-US

CN2	Preston, C. M. et al., "Identification and Mapping of Two Polypeptides Encoded Within the Herpes Simplex Virus Type 1 Thymidine Kinase Gene Sequences", Journal of Virology (1981), 38(2): 593-605.
CO2	Rao, D. N. et al., "ATP-Dependent Restriction Enzymes", Progress in Nucleic Acid Research and Molecular Biology (2000), 64: 1-63.
CP2	Risseuw, E. et al., "Gene Targeting and Instability of <i>Agrobacterium</i> T-DNA Loci in the Plant Genome", The Plant Journal (1997), 11(4): 717-728.
CQ2	Russell, S. H. et al., "Directed Excision of a Transgene from the Plant Genome", Mol. Genet. Genet. (1992), 234: 49-59.
CR2	Salomon, S. et al., "Capture of Genomic and T-DNA Sequences During Double-Strand Break Repair in Somatic Plant Cells", The EMBO Journal (1998), 17(20): 6086-6095.
CS2	Sargueil, B. et al., "A New Specific DNA Endonuclease Activity in Yeast Mitochondria", Mol. Gen. Genet. (1991), 225: 340-341.
CT2	Sargueil, B. et al., " <i>In Vivo</i> and <i>In Vitro</i> Analyses of an Intron-encoded DNA Endonuclease from Yeast Mitochondria. Recognition Site by Site-Directed Mutagenesis", Nucleic Acids Research, (1990), 18(19): 5659-5665.
CU2	Schlaman, H. R. M. et al., "Effectiveness of the Bacterial Gene <i>codA</i> Encoding Cytosine Deaminase as a Negative Selectable Marker in <i>Agrobacterium</i> -mediated Plant Transformation", The Plant Journal (1997), 11(6): 1377-1385.
CV2	Serino, G. et al., "A Negative Selection Scheme Based on the Expression of Cytosine Deaminase in Plastids", The Plant Journal (1997), 12(3): 697-701.
CW2	Soutourina, J. et al., "Functional Characterization of the D-Tyr-tRNA ^{Tyr} Deacylase from <i>Escherichia coli</i> ", The Journal of Biological Chemistry (1999), 274(27): 19109-19114.
CX2	St. Clair, M. H. et al., "Inhibition by Ganciclovir of Cell Growth and DNA Synthesis of Cells Biochemically Transformed with Herpesvirus Genetic Information", Antimicrobial Agents and Chemotherapy (1987), 31(6): 844-849.
CY2	Stougaard, J., "Substrate-Dependent Negative Selection in Plants Using a Bacterial Cytosine Deaminase Gene", The Plant Journal (1993), 3(5): 755-761.
CZ2	Sugita, K. et al., "A Transformation Vector for the Production of Marker-Free Transgenic Plants Containing a Single Copy of Transgene at High Frequency", The Plant Journal (2000), 22(5): 461-469.
CA3	Sundaresan, V. et al., "Patterns of Gene Action in Plant Development Revealed by Enhancer Trap and Gene Trap Transposable Elements", Genes & Development (1995), 9: 1797-1810.
CB3	Szybalski, W. et al., "Class-IIS Restriction Enzymes - A Review", Gene (1991), 100: 13-26.
CC3	Thykjaer, T. et al., "Gene Targeting Approaches Using Positive-Negative Selection and Large Flanking Regions", Plant Molecular Biology (1997), 35: 523-530.
CD3	Tissier, A. F. et al., "Multiple Independent Defective <i>Suppressor-mutator</i> Transposon Insertions in Arabidopsis: A Tool for Functional Genomics", The Plant Cell (1999), 11: 1841-1852.
CE3	Turmel, M. et al., "Analysis of the Chloroplast Large Subunit Ribosomal RNA Gene from 17 <i>Chlamydomonas</i> Taxa - Three Internal Transcribed Spacers and 12 Group I Intron Insertion Sites", J. Mol. Biol. (1993), 232: 446-467.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

486727

10/593015
IAP16 Rec'd PCT/PTO 15 SEP 2006

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Helke Hillebrand
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	6	of	6	Attorney Docket Number	13987-00023-US

CF3	Turmel, M. et al., "Evolutionary Transfer of ORF-Containing Group I Introns between Different Subcellular Compartments (Chloroplast and Mitochondrion)", Mol. Biol. Evol. (1995), 12(4): 533-545.	
CG3	Turmel, M. et al., "The Site-Specific DNA Endonuclease Encoded by a Group I Intron in the <i>Chlamydomonas pallidostigmatica</i> Chloroplast Small Subunit rRNA Gene Introduces a Single-Strand Break at Low Concentrations of Mg ²⁺ ", Nucleic Acids Research (1995), 23(13): 2519-2525.	
CH3	Umhau, S. et al., "The X-Ray Structure of D-Amino Acid Oxidase at Very High Resolution Identifies the Chemical Mechanism of Flavin-Dependent Substrate Dehydrogenation", Proc. Natl. Acad. Sci. USA (2000), 97(23): 12463-12468.	
CI3	Upadhyaya, N. M. et al., "The <i>tms2</i> Gene as a Negative Selection Marker in Rice", Plant Molecular Biology Reporter (2000), 18: 227-233.	
CJ3	Wagner, M. J. et al., "Nucleotide Sequence of the Thymidine Kinase Gene of Herpes Simplex Virus Type I", Proc. Natl. Acad. Sci. USA (1981), 48(3): 1441-1445.	
CK3	Wang, J. et al., "Purification, Biochemical Characterization and Protein-DNA Interactions of the I-CreI Endonuclease Produced in <i>Escherichia coli</i> ", Nucleic Acids Research (1997), 25(19): 3767-3776.	
CL3	Wang, H. X. et al., "Positive-Negative Selection for Homologous Recombination in <i>Arabidopsis</i> ", Gene (2001), 272: 249-255.	
CM3	Wigler, M. et al., "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell (1977), 11: 223-232.	
CN3	Xiao, Y.-L. et al., "Intrachromosomal Homologous Recombination in Arabidopsis Induced by a Maize Transposon", Mol. Gen. Genet. (2000), 263: 22-29.	
CO3	Yurimoto, H. et al., "Physiological Role of the D-Amino Acid Oxidase Gene, DAOI, in Carbon and Nitrogen Metabolism in the Methylophilic Yeast <i>Candida boidinii</i> ", Yeast (2000), 16: 1217-1227.	
CP3	Zubko, E. et al., "Intrachromosomal Recombination between attP Regions as a Tool to Remove Selectable Marker Genes from Tobacco Transgenes", Nature Biotechnology (2000), 18: 442-445.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

486727